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ENGLISH BIBLIOGRAPHY
OF EXAMINATIONS

(1900-1932)

BY

MARY C. CHAMPNEYS

WITH A FOREWORD

BY

SIR MICHAEL SADLER AND SIR PHILIP HARTOG

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FOREWORD

As a result of a conference on examinations held under the auspices of the Carnegie Corporation, the Carnegie Foundation, and the International Institute of Teachers College, Columbia University, at Eastbourne in 1931,¹ committees for the investigation of problems relating to examinations have been set up in England, Scotland, France, Germany and Switzerland, to which the Carnegie Corporation has offered a grant for three years through the International Institute of Teachers College, Columbia University, New York. The English Committee consists of the following : Sir Michael Sadler, K.C.S.I. (Chairman), Dr. P. B. Ballard, Dr. C. Delisle Burns, Professor Cyril Burt, Sir Philip Hartog, K.B.E. (Director), Professor Sir Percy Nunn, Professor C. Spearman, F.R.S., and Professor Godfrey H. Thomson (replacing the late Professor Graham Wallas, who was an original member of the Committee). The address of the English Committee is 1, Plowden Buildings, Temple, London, E.C. 4.

The present Bibliography has been prepared by Mrs. Mary C. Champneys under the direction of the undersigned. It will be seen that the main portion of the book consists of a Bibliography of references to books and articles in periodicals published in Great Britain from 1900 to 1932, but, in addition, one of us (M.E.S.) has contributed a list of publications bearing on the general history of education which have influenced the examination question since 1770 onwards. A very small number of books published outside Great Britain, e.g. the Report of the Calcutta University Commission, have been included in the Bibliography for special reasons.

In response to a letter sent to the Press in March, 1933, about thirty persons interested in the subject kindly volunteered to look through the first proofs, with a view to suggestions for corrections and additions ;

¹ The Report of the Eastbourne Conference on Examinations, edited by Professor Paul Monroe, Director of the International Institute, was published by the Bureau of Publications, Teachers College, Columbia University, New York City, in 1931. (See p. 40 below.)

FOREWORD

and the Committee are greatly indebted to them for their valuable assistance, which has, we believe, materially increased the interest of the publication.

The mass of material published on the subject is so great that it was necessary to limit the size of the Bibliography, but it is hoped that the precautions taken have been sufficient to ensure that few publications of any real importance have been overlooked.

The Bibliography does not include periodicals such as Regulations and Calendars of examining bodies. The Committee have in preparation a list of examining bodies and of examinations to be issued as a separate publication, and will gratefully receive communications with regard thereto from any public examining body with whom they have not already entered into communication.

M. E. SADLER.

P. J. HARTOG.

EXPLANATORY NOTE

THE entries in the Bibliography are mainly given in the order of what is technically known as an Author-Index, but some further explanations are necessary.

In the very numerous cases in which an entry relates to a contribution to an educational periodical such as the *Journal of Education* or the *Times Educational Supplement* or to the proceedings of an association such as the British Association for the Advancement of Science, or the Assistant Masters' Association, the main entry is given under the relevant periodical or association with a cross-reference under the name of the author.

For the purpose of cross-references abbreviations are used which are explained in the List of Abbreviations (pp. xv-xix). In this list titles of periodicals are printed in roman and titles of Associations in italic type. The list is drawn up in the alphabetical order of the unabbreviated titles of the periodicals and associations dealt with in the Bibliography.

Apart from author entries there are certain subject-entries (e.g. group-tests) with cross-references to the main entries.

Full details of the periodicals scanned are given on pp. xi-xiii with indications of any changes of title, etc.

In the section 'Publications bearing on the General History of Education' the entries are given in chronological and not in alphabetical order.

M. C. C.

NOTES OF PERIODICALS WHICH HAVE BEEN SCANNED FOR THE YEARS 1900-1932 INCLUSIVE.

A.M.A. (*Journal of the Association of Assistant Masters in Secondary Schools*), 1909-1932.

Biometrika (Cambridge) (Twice annually : Pts. I and II, May ; Pts. III and IV, Nov.), 1901 (Vol. I)-1932 (Vol. XXIV).

British Journal of Educational Psychology, see *Training College Record* below.

British Journal of Psychology (Cambridge) (Four times annually), 1904-1932.

British Medical Journal (London) (Weekly), 1900-1932.

Child Study (*Journal of the Child Study Society*), 1908 (April) (Vol. I)-1920 (December) (Vol. XIII) (ceased publication); *Child Study Society, Proceedings*, 1921-1922 (Vol. I)-1930 (Vol. IX).

Contemporary Review, The (London) (Monthly), 1900-1932.

County Schools Review, The (Cardiff) (Quarterly) (*Organ of the Welsh County Schools Association*), 1909 (June) (Vol. I, No. 1)-1925 (April) (Vol. XI, No. 3) ; continued as *The Welsh Secondary Schools Review*, 1926 (March) (Vol. XII, No. 1)-1932 (Lent and Summer Terms) (Vol. XVIII, No. 1).

Edinburgh Review, The 1900-1929 (ceased publication).

Education (London) (Weekly), 1903-1932.

Education for the New Era (London) (Quarterly), Jan. to Oct. 1920 ; continued as *The New Era*, 1921-1932.

Education Outlook, see *Educational Times, The*, below.

Educational News, The (Edinburgh) (Weekly), 1900-1917, and *Secondary School Journal* (*Organ of the Educational Institute of Scotland*), (Jan. 1908)-(Jan. 1917) ; continued as *Scottish Educational Journal*, 1918-1932.

Educational Record, The (London), 1900-1929 (ceased publication).

Educational Research, see *Head Teachers' Review* below.

Educational Times, The (London) (Monthly) (*Journal of the College of Preceptors*), 1904-1932 (Dec.) ; continued as *Educational Outlook and Educational Times*, 1924-1929 (Dec.) ; continued as *Education Outlook*, 1930-1932. See also under *Journ. Educn.*

English Review, The (London) (Monthly), 1908-1932.

Eugenics Review, The (London) (Quarterly) (*Organ of The Eugenics Society*), 1909-1932.

Fortnightly Review, The (London), 1900-1932.

Forum of Education, The, see *Training College Record* below.

Head Teachers' Review, The, and *Educational Research* (Supplement) (London) (Organ of the National Association of Head Teachers), 1910-1932.

History (London) (Quarterly) (Organ of the Historical Association), 1900-1932.

Human Factor, The, see *Nat. Inst. Indus. Psych. Journ.* below.

Independent School, The, see *Secondary Education* below.

Indian Education (London), 1902-1922 (ceased publication).

Journal of Careers, The, see *Monthly School Calendar* below.

Journal of Education, The (London) (Monthly), 1900-1918; continued as *Journal of Education and School World*, 1918-1929 (Dec.); continued as *Journal of Education, School World, and Educational Times*, 1930-1932.

Journal of Experimental Pedagogy, The, see *Training College Record* below.

Lancet, The (London) (Weekly), 1900-1932.

Law Journal, The: a weekly publication of Notes of Cases and Legal News (London), 1900-1932.

Law Times, The: The Journal and Record of the Law and the Lawyers (London) (Weekly), 1900-1932.

Mathematical Gazette, The (London) (Quarterly) (Organ of the Mathematical Association), 1900-1932.

Modern Language Quarterly, The (London), 1900-1904 (ceased publication).

Modern Language Teaching (London) (Quarterly), 1905-1918; continued as *Modern Languages* (Organ of the Modern Language Association), 1919-1932.

Monthly School Calendar, The (London) (Monthly), 1921-1925; continued as *Journal of Careers, The*, 1926-1932.

National Institute of Industrial Psychology. Journal (London) (Quarterly), 1922 (Jan.) (Vol. I)-1931 (Oct.) (Vol. V); continued as *Human Factor, The* (Monthly), 1932.

Nature (London) (Weekly), 1900-1932.

Nelsonian, The (London) (Three times annually), 1920 (Jan. No. 1)-1932 (Jan. No. 10), (May and Sept. Nos. 1932 not published).

New Age, The (London) (Weekly), 1900-1932.

New Era, The, see *Education for the New Era* above.

Nineteenth Century, The (London) (Monthly), 1900-1932.

Parents' Review, The (London) (Monthly), 1900-1932.

Parthenon, The (Journal of the Incorporated Association of Architects and Surveyors) (London), 1926 (Oct.)-1929 (Sept.) (Quarterly); 1929 (Nov.)-1932 (Nov.) (Two-monthly); 1932 (Dec.) (Monthly).

Preparatory Schools Review, The (London) (Quarterly), 1900-1932.

Progress (Organ of the British Institute of Social Service) (London) (six times annually), 1906-1932.

Quarterly Review, The (London), 1900-1932.

Royal Society of Arts, Journal of The, (London) (Weekly), 1900-1932.

Royal Statistical Society, Journal of the, 1920-1932.

Saturday Review, The (London) (Monthly), 1900-1932.

School (London), 1904-1909 (ceased publication).

School Board Chronicle, The (London), 1900-1902; continued as *School Government Chronicle, The*, 1903-1932; (Weekly, continued after 1929 as Monthly).

School Guardian, The (London) (Monthly), 1900-1932.

Schoolmaster, The (London) (Weekly), 1900-1932.

Schoolmistress, The (London) (Weekly), 1900-1932.

School Science Review, The (London) (Quarterly), 1920-1932.

School World, The, 1900-1918 (Monthly). See also *Journal of Education* above.

Scottish Educational Journal, The, see *Educational News, The*, above.

Secondary Education (London) (Organ of the Independent Schools' Association, Incorporated), 1900-1928; continued as *The Independent School*, 1929-1932.

Secondary School Journal, The, see *Educational News* above.

Secretary, The (Organ of the Chartered Institute of Secretaries) (London) (Monthly), 1900-1932.

Solicitors' Journal and Weekly Reporter, The, (London) (Weekly), 1900-1932.

Spectator, The (London) (Weekly), 1900-1932.

Teacher, The (London) (Weekly), 1903; continued as *Woman Teachers' World*, 1904-1913; continued as *Teachers' World*, 1913-1932.

Teachers' Guild Quarterly, The (London), 1901-1921.

Teachers' World, The, see *Teacher, The*, above.

Technical Journal, The (Organ of the Association of Teachers in Technical Institutions) (London) (Monthly), 1911-1932.

Times Educational Supplement (London) (Weekly), 1910-1932.

Training College Record, The (London), 1908-1910; continued as *Journal of Experimental Pedagogy, The*, 1911-1922; continued as *Forum of Education*, 1923-1930 (Birmingham); continued as *British Journal of Educational Psychology* (Birmingham) (Three times annually), 1931-1932.

Universities Review, The, see *University Bulletin* below.

University Bulletin, The (Organ of the Association of University Teachers) (Bristol) (Twice annually), 1922 (Jan.) (Vol. I, No. 1)-1924 (June); and continued as *The Universities Review*, 1928 (Oct.) (Vol. I, No. 1)-1932 (Oct.) (Vol. IV).

University Review, The (London) (Monthly), 1905 (May)-1909 (Apr.) (ceased publication).

Week End Review, The, 1930 (March)-1932.

Welsh Secondary Schools Review, The, see *County Schools Review, The*, above.

Woman Teachers' World, The, see *Teacher, The*, above.

LIST OF ABBREVIATIONS USED IN REFERENCES

	ABBREVIATION
Addendum (p. 141)	Add. (p. 141)
Association of Assistant Masters in Secondary Schools, Incorporated	Assn Asst Mstrs
Association of Assistant Masters in Secondary Schools, Incorporated, Journal of	<i>A.M.A.</i>
Association of Assistant Mistresses in Secondary Schools, Incorporated	Assn Asst Mstrsses
Association of Directors & Secretaries of Education	Assn Dir. & Sec. Educn
Association of Education Committees	Assn Educn Cttees
Association of Headmasters, Incorporated	Assn H.-mstrs
Association of Headmistresses	Assn H.-mstrsses
Association of Municipal Corporations	Assn Mun. Corp.
Association of Preparatory Schools, Incorporated	Assn Prep. Sch.
Association of Teachers of Domestic Subjects	Assn of T. of Dom. Sub.
Association of Teachers in Technical Institutions	Assn of T. in Tech. Inst.
Association of Technical Institutions	Assn of Tech. Inst.
Association of University Teachers	Assn Univ. Tchrs
Barnsley Education Committee	Barnsley Educn Cttee
<i>Biometrika</i>	<i>Biom.</i>
Birmingham Education Committee	Birm. Educn Cttee
Birmingham University	Birm. Univ.
Board of Education	B. of E.
Bristol Education Committee	Bristol Educn Cttee
Bristol University	Bristol Univ.
British Association	B.A.
British Commonwealth Education Conference	Brit. Comm. Educn Conf.
<i>British Journal of Educational Psychology</i>	<i>Brit. Journ. Educnl Psych.</i>
<i>British Journal of Psychology</i>	<i>Brit. Journ. Psych.</i>
British Medical Association	B.M.A.
<i>British Medical Journal</i>	<i>B.M. Journ.</i>
British Psychological Society	Brit. Psych. Soc.
Calcutta University Commission	Calc. Univ. Comm.
Cambridge University	Camb. Univ.

	ABBREVIATION
<i>Indian Education</i>	<i>Ind. Educn</i>
<i>Indian Mathematical Society Journal</i>	<i>Ind. Math. Soc. Journ.</i>
Industrial Fatigue Research Board	Indus. Fat. Res. Bd
Insurance Institute of London	Insur. Inst. Lond.
<i>Journal of Careers</i>	<i>Journ. Car.</i>
<i>Journal of Education</i>	<i>Journ. Educn</i>
<i>Journal of Educational Research</i>	<i>Journ. Educnl Res.</i>
<i>Journal of Experimental Pedagogy</i>	<i>Journ. Exp. Ped.</i>
Kent Education Committee	K.E.C.
<i>Law Journal</i>	<i>Law Journ.</i>
Leicestershire County Council	Leices. C.C.
London County Council	L.C.C.
London School Board	Lond. Sch. Bd
London Teachers' Association	Lond. Tchrs Assn
London University	Lond. Univ.
Manchester and Salford Education Association	Manch. Salf. Educn Assn
Manchester County Borough Education Committee	Manch. Co. B. Educn Cttee
Mathematical Association	Math. Assn
<i>Mathematical Gazette</i>	<i>Math. Gaz.</i>
Metropolitan Board Teachers' Association	Met. Bd Tchrs' Assn
Middlesex Education Committee	Midsx Educn Cttee
Midland Education Union	Mid. Educn Un.
Modern Language Association	Mod. Lang. Assn
<i>Modern Language Quarterly</i>	<i>Mod. Lang. Quart.</i>
<i>Modern Language Teaching</i>	<i>Mod. Lang. Teach.</i>
<i>Modern Languages</i>	<i>Mod. Languages</i>
<i>Monthly School Calendar</i>	<i>Month. Sch. Cal.</i>
National Association of Head Teachers	Nat. Assn Head Tchrs
National Association of Schoolmasters	Nat. Assn Sch.-mstrs
National Education Association	Nat. Educn Assn
National Federation of Class Teachers	Nat. Fed. Cl. Tchrs
National Federation of Head Teachers	Nat. Fed. Hd Tchrs
<i>National Institute of Industrial Psychology Journal</i>	<i>Nat. Inst. Ind. Psych. Journ.</i>
<i>National Review</i>	<i>Nat. Rev.</i>
National Union of Teachers	N.U.T.
National Union of Women Teachers	N.U.W.T.
New Education Fellowship	New Educn Fell.
<i>Nineteenth Century</i>	<i>Ninet. Cent.</i>
North of England Education Conference	N. of Eng. Educn Conf.
Oxford University	Oxf. Univ.
Parents' Association	Par. Assn

	ABBREVIATION
<i>Universities Review, The</i>	<i>Univers. Rev.</i>
<i>University Review</i>	<i>Univ. Rev.</i>
Wakefield Education Committee	Wakef. Educn Cttee
Welsh County Schools' Association	Welsh Co. Sch. Assn
<i>Welsh Secondary Schools Review</i>	<i>Welsh Sec. Sch. Rev.</i>
West Riding Association of Organising Masters for Technical Education	West Rid. Assn Org. Mstrs Tech. Educn
West Riding County Council	West Rid. C.C.
<i>Woman Teacher, The</i>	<i>Wom. Tchr.</i>

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1932. Percy, Lord Eustace, The Year Book of Education, 1932, 546, Bibliography. I. England and Wales. A. Official Publications. B. Other Publications ; II. Scotland. (Evans Bros. Ltd. : London.)

1933. Hildreth, Gertrude H., Bibliography of Mental Tests and Rating Scales : IV. Tests of Mental Capacity ; V. Mental Functions—Single Tests ; VI. Performance Tests—Form Boards and Mazes ; VII. Psycho-Motor-Tests ; VIII. Achievement and Educational Tests ; IX. Fine Arts Tests ; X. Character and Personality Tests ; XI. Vocational Tests, etc. (The Psychological Corporation : New York.)

See also Encycl. Brit., Bibliographies at end of Articles on Examinations ; and under Rugg, Harold O., 1917.

	ABBREVIATION
Parents' National Educational Union, Incorporated	P.N.E.U.
<i>Parents' Review</i>	<i>Par. Rev.</i>
Preparatory Schools, Association of, Incorporated	Prep. Sch. Assn
<i>Preparatory Schools Review</i>	<i>Prep. Sch. Rev.</i>
Public Schools Commission	Pub. Sch. Comm.
Publications bearing on the General History of Education with special reference to Examinations (see pp. xviii-xxiv and 141 below).	Gen. Hist. Educn.
Royal Commission on Civil Service	Roy. Comm. C.S.
Royal Commission on Oxford and Cambridge Universities	Roy. Comm. Oxf. Camb. Univ.
Royal Society of Arts	R.S.A.
<i>Royal Society of Arts, Journal</i>	<i>R.S.A. Journ.</i>
<i>Royal Statistical Society, Journal</i>	<i>J.S.S.</i>
<i>Saturday Review</i>	<i>Sat. Rev.</i>
<i>School Board Chronicle</i>	<i>Sch. Bd Chron.</i>
<i>School Government Chronicle</i>	<i>Sch. Gov. Chron.</i>
<i>School Guardian</i>	<i>Sch. Guar.</i>
<i>School Science Review</i>	<i>Sch. Sci. Rev.</i>
<i>School World, The</i>	<i>Sch. Wor.</i>
<i>Schoolmaster, The</i>	<i>Sch.-mstr</i>
Schoolmasters' Year Book	Sch.-mstrs' Yr Bk
<i>Schoolmistress, The</i>	Sch.-mstres
Science Masters' Association	Sci. Mstrs Assn
Scottish Art Teachers' Association	Scott. Art Tchrs Assn
<i>Scottish Educational Journal</i>	<i>Scott. Educnl Journ.</i>
<i>Secondary Education</i>	<i>Sec. Educn</i>
Secondary Education Association, Scotland	Sec. Educn Assn Scot.
Secondary Schools Association	Sec. Sch. Assn
<i>Secondary Schools Journal</i>	<i>Sec. Sch. Journ.</i>
<i>Secretary, The</i>	<i>Secy</i>
Sociological Society	Sociol. Soc.
<i>Solicitors' Journal and Weekly Reporter, The</i>	<i>Solicrs' Journ.</i>
<i>Spectator, The</i>	<i>Spect.</i>
<i>Teachers' College Record</i>	<i>Tchrs Coll. Rec.</i>
Teachers' Guild	Tchrs Guild
<i>Teachers' Guild Quarterly</i>	<i>T.G. Quart.</i>
Teachers' Registration Council, The	Tchrs Reg. Co.
<i>Teachers' World</i>	<i>Tchrs Wor.</i>
<i>Technical Journal</i>	<i>Tech. Journ.</i>
<i>Times Educational Supplement</i>	<i>T.E.S.</i>
Union of Educational Institutions	Un. Educnl Inst.
United States Department of the Interior	U.S. Dept. Int.

	ABBREVIATION
<i>Universities Review, The</i>	<i>Univers. Rev.</i>
<i>University Review</i>	<i>Univ. Rev.</i>
Wakefield Education Committee	Wakef. Educn Cttee
Welsh County Schools' Association	Welsh Co. Sch. Assn
<i>Welsh Secondary Schools Review</i>	<i>Welsh Sec. Sch. Rev.</i>
West Riding Association of Organising Masters for Technical Education	West Rid. Assn Org. Mstrs Tech. Educn
West Riding County Council	West Rid. C.C.
<i>Woman Teacher, The</i>	<i>Wom. Tchr.</i>

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See also Encycl. Brit., Bibliographies at end of Articles on Examinations ; and under Rugg, Harold O., 1917.

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Huxley, Thomas H., *On the Educational Value of the Natural History Sciences*, 30 (leave out the Physiological Sciences from your curriculum, and you launch the student into the world undisciplined in that science whose subject-matter would best develop his powers of observation). (Johan Van Voorst : London.)
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1917. Annual Meeting, Jan. 5, Mathematics in Secondary Schools (W. J. Dobbs). See *Math. Gaz.*, 1917, Mar., 40-42.

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1926. Annual Conference, Sept. 24-25, Examinations in Primary Schools. See also *Sch.-mstr*, 1926, Oct. 1 : 482 ; *T.E.S.*, 1926, Nov., 474-475.

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1922. Jan., 15-17. International Conference on Vocational Guidance at Barcelona (Tests) (G. H. Miles), 23, Tests for Clerical Occupation (Cyril Burt), 28, Vocational Guidance in Foreign Countries (G. H. Miles); Apr., 79, Tests for Clerical Occupation (cont.) (Cyril Burt); July, 99, Selection Tests for Admission to the Berlin *Berufsschulen* (C. Piorkowski), 108, Vocational Guidance in Foreign Countries (contd.) (G. H. Miles); Oct., 152, Vocational Guidance in Foreign Countries (contd.) (G. H. Miles).
1923. Apr., 251, International Conference on Vocational Guidance at Milan (Sir Charles Myers); Oct., 333, The Use of Performance Tests and Mechanical Tests in Vocational Guidance (Frances Gaw).
1925. Oct., 346, Vocational Guidance and Selection (F. M. Earle).
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- Executive Committee, General Meeting, June. Memorandum on the Code, Art. 22. See Sch.-msir, 1904, June 11 : 1279.
- Letter to School Board giving reasons against reintroduction of individual examination. See Sch. Gov. Chron., 1904, Jan. 23 : 78.

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1906. 36th Annual Report, 37th Annual Conference, xl, Education Committee Report, Annual Examinations (danger in use of), lxvi, examination of scholars, resolutions of Conference *re* standard for scholarship and certificate examinations.
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1910. 40th Annual Report, 41st Annual Conference, lxi, Secondary Schools Committee, Transfer of Scholars from Elementary to Secondary Schools.
1911. 41st Annual Report, 42nd Annual Conference, lxxxii, resolution *re* examination in religious knowledge.
1912. 42nd Annual Report, 43rd Annual Conference, xliv, Education Committee Report, Resolution on Science Examinations (Circular 770), xlv, Circular 786, Examinations in Art and Certificates for Teachers of Art, xc, resolution *re* examination of scholars by periodical examinations conducted by head teachers in their own schools, system of examination and inspection.
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- Memorandum on Diocesan Examinations.
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1915. 45th Annual Report, 46th Annual Conference, lxix, Proposals of the Board of Education for Examinations in Secondary Schools (Circular 849).
1917. 47th Annual Report, 48th Annual Conference, lxv, Secondary School Committee, Examinations in Secondary Schools (Circular 933).
1918. 48th Annual Report, 49th Annual Conference, lxiv, Secondary School Committee Report, Examinations in Secondary Schools.
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1922. 52nd Annual Report, 53rd Annual Conference, lxxxviii, lxxxix, resolutions, examination of children, compulsory individual examination for scholarships.
1924. 54th Annual Report, 55th Annual Conference, Education Committee, xlvi, Examinations.
1925. 55th Annual Report, 56th Annual Conference, xliv, Primary Schools Section, Promotions and General Efficiency, xcii, resolution of Conference *re* Individual Examination.
1926. 56th Annual Report, 57th Annual Conference, xci-xcii, resolution in regard to individual examination.
1927. 57th Annual Report, 58th Annual Conference, xxv, Presidential Address (F. Mander), Danger of Mass Examinations, xlvi, Education Committee Report, Examinations, Scholarship Tests, xlvi; Higher Education Section, the interference of the First School Examination with the general methods of teaching, lxxxiii, resolution of Conference on Examinations.
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1928. 58th Annual Report, 59th Annual Conference, Education Committee Report, xliv-xlv, Training and Certification of Teachers, Training of Rural Teachers, xlvi-xlvii, Examinations in Primary Schools (Union's Memorandum on Promotion of Children from Primary Schools to Schools of a Higher Type, xlviii, Higher Education Section, Inquiry into Effect of First School Certificate Examination on Curricula.
- Joint Inquiry of Association of Education Committees and N.U.T. on Examinations in Primary Schools. *See under Assn Educn Cttees*, 1928, 1930.
1929. 59th Annual Report, 60th Annual Conference, xlix, Education Committee, Enquiry into effect of the General Schools Examination on Curricula, letter to Secondary Schools Examination Council, resolutions, etc.
- Report of Enquiry of Joint Advisory Committee of Association of Education Committees and N.U.T. *See under Assn Educn Cttees*, 1930. *See also Educn Outl.*, 1931, Jan., 5.
1931. 61st Annual Report, 62nd Annual Conference, xciii, Conference resolution in regard to external examinations.
- Annual Conference, Great Yarmouth, Discussion on motion for discontinuing the Examination Board; The Limits of Specialisation in Secondary Schools and Universities, Matriculation and School Certificate Examinations (Higher Education Meeting, H. A. S. Worley) (Issued as Pamphlet). *See also Sch.-metr*, 1931, April 16: 729.
- Report of the Higher Education Work of the Union in 1931. *See Higher Education Bulletin (N.U.T., Form Ed. 38, 1931, H.E. (18),*

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1932. 62nd Annual Report, 63rd Annual Conference, liii-liv, Education Committee Report, Higher Education Section, Report on initial degrees of Universities adopted by the Council of the Association of University Teachers (resolutions), Higher School Certificate Examination, Civil Service Examinations.

Advisory Committee on Higher Education, Report on School Examinations ; Council's Report on the School Certificate Examination. See also *Schmstr.*, 1932, Dec. 8 : 832, Dec. 15 : 887.

See also under Conf. Educnl Assns., 1927 ; Gen. Hist. Educn, 1907.

NATIONAL UNION OF WOMEN TEACHERS.

1929. Conference, May 4, Discussion on Examinations. See *Sch. Gov. Chron.*, 1929, May 11 : 304 ; *Wom. Tchr.*, 1929, May 10 : 199 (P. B. Ballard).

Back to the Hadow Report, Chap. V, The Methods of Selection for Post Primary Schools, Chap. VII, External Examinations for Senior Schools.

1930. Conference, Jan. 3, Discussion on the Examination Problem. See *Wom. Tchr.*, 1930, Jan. 24 : 110.

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Nature.

1900. Jan. 18 : 274-275, School Science and Knowledge-making Power (Letter commenting on J. G. Macgregor's Address at Dalhousie College, Nova Scotia, reported in *Nature*, 1899, Dec. 14 : 159 *seqq.*, deplored influence of written examinations) (G. H. Wyatt) ; Aug. 2 : 317-319, The Teaching of Mathematics (the Authorities of the Science and Art Department recognise that the apprentices and others attending evening courses may possibly benefit by a course of study very different from what is necessary if students are being prepared for University and other examinations) (John Perry) ; Aug. 23 : 389 ; Sept. 6 : 436, Sept. 13 : 466, Sept. 27 : 523 ; Oct. 4 : 548, Reform of Mathematical Teaching (Correspondence).

1901. Feb. 14 : 370-371, Mathematics and Physics in Public Schools (the hands of mathematical teachers in these schools are tied by the conditions of the university examinations) (G. H. J. Hurst) ; Aug. 15 : 391, The Functions of a University (the examination should play only a secondary part in the work of the University) (Sir W. Ramsay).

1902. Apr. 17 : 558, Reform in Mathematical Teaching (Key to the whole position in examination system) (C. S. Jackson, Frank L. Ward, W. C. Fletcher) ; Sept. 11 : 459, Science in the Public Schools (insignificant place which science still holds as evidence by results of examination) (A. Irving).

1904. May 19 : 63 *seqq.*, The Education of Examiners (E. B. Sargent).

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1907. Jan. 10 : 260-261, Science in Examinations for the Higher Civil Service, Jan. 17 : 273, Mathematical Tripos at Cambridge (much depends upon the spirit in which the examiner acts), 275, Science in Higher Education.
1908. Feb. 6 : 322-324, Examination v. Research (Oxford).
1911. Sept. 14 : 348, Examinations (W. P. Dreaper).
1919. Jan. 16 : 388-389, The Preliminary Education of Medical Students (the Essence of the new scheme is that it is based on education and not on examination only).
1920. July 1 : 561, Education in the New Era (co-operation rather than preparation for interminable examinations) (a comment on F. W. Sanderson's speech at Oundle School (Frederick Soddy)) ; Sept. 9 : 47-48, The Organisation of University Education (regional matriculation examinations suggested) (Frank H. Perry-coste); Sept. 23 : 129, University Problem in London (Notice of H. E. Armstrong's speech at the Old Students' Association at the Royal College of Science) (throughout fifty years' experience of the London University System, the talk has ever been of examinations, never of learning) ; Oct. 7 : 179, The Examination System.
1923. June 16 : 833-834, University and Secondary Education.
1930. Mar. 1 : 341-343, School Science and Educational Values (H. E. Armstrong's condemnation of Examination System in Address to the West Kent Scientific Society.)

NAVY, EXAMINATIONS FOR, see under Assn Prep. Sch., 1906 ; Hughes, R. E., 1902 ; Journ. Educn, 1928.

NEEDLEWORK, see under Assn Educn Cttees, 1932.

Nelsonian, The.

1930. Sept., 19-23, The Examiner Reports (I. On English, II. On History, III. On French) (It seems inevitable under the present system of examinations, that certain candidates should be unfairly handicapped).
1932. Jan., 10-11, On Teaching History despite the Time-Table (limitation set by consideration of School Certificate) (Désirée Edwards-Rees).

NELTHORPE, E. H., see under Sch. Sci. Rev., 1926.

New Age, The.

1917. Aug. 16 : 345-346, The Examination System (A. H. Hannay).
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See also under India : Calcutta University Commission.

ADDENDUM

PUBLICATIONS BEARING ON THE GENERAL HISTORY OF EDUCATION WITH SPECIAL REFERENCE TO EXAMINATIONS

1900. Lowell, A. Lawrence, Colonial Civil Service : The Selection and Training of Colonial Officials in England, Holland, and France ; with an Account of the East India College at Haileybury (1806-1857) by H. Morse Stephens ; Chap. I, 7 *seqq.*, England : History of the Recruiting of the Indian Civil Service (the College of Haileybury), introduction of competitive examinations, the Report of Macaulay's Commission, method of conducting the examination, nature of the examination, the method of marking, the nature of the subjects, severity of the examination, cramming, etc., method of recruiting Native Officials, Special Services in India (the College at Cooper's Hill, examinations for Forestry Department, Telegraph Department, Police Force), other British Colonies in the East (examination for the Eastern Cadets), Appendix A, Report of Macaulay's Commission, Appendix B, Examinations for the Civil Service of India ; Chap. II, 113 *seqq.*, Holland : History of the Subject (the Royal Academy at Delft, the Ordinance of 1804 and the Grand Examination for Officials, the State School at Leyden, the Municipal School at Delft, the Municipal School at Leyden, etc.), the Grand Examination for Officials, the Grand Examination at Batavia—Natives and Half-Castes, criticisms made upon the present system, the Physical Examination ; Chap. III, 172 *seqq.*, France : Cochin-China, 1861-1881, the Colonial School (qualifications for admission, competitive examination, cramming and method of marking, etc.), other methods of entering the service, etc. (appointments from Army and Navy) ; Chap. IV, 214 *seqq.*, the United States : the Principles to be applied, the English system cannot be adopted here, etc., the East India College at Haileybury (Patronage System, College of Fort William, etc.). (Macmillan & Co. Ltd. : London.)

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